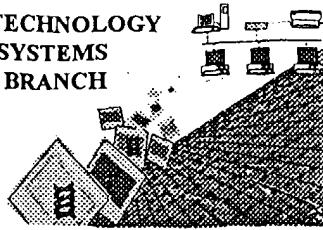


BIOTECHNOLOGY  
SYSTEMS  
BRANCH



## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/799,320B  
Source: IFwo  
Date Processed by STIC: 9/13/04

**THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.**

**PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:**

- 1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

**FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221**

**TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:**

**<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>**

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04):  
U.S. Patent and Trademark Office, 220 20<sup>th</sup> Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202

Revised 05/17/04



IFWO

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/799,320B

DATE: 09/13/2004

TIME: 10:09:34

Input Set : A:\2500us1p.ST25.txt

Output Set: N:\CRF4\09132004\J799320B.raw

3 <110> APPLICANT: SAIKAWA, Akira  
 4 IGARI, Yasutaka  
 5 YAMAMOTO, Yoshio  
 6 HATA, Yoshio  
 8 <120> TITLE OF INVENTION: Sustained-Release Composition, Methods of its Preparation  
 and Use

9 Thereof  
 11 <130> FILE REFERENCE: 2500 US1P  
 13 <140> CURRENT APPLICATION NUMBER: 10/799,320B  
 14 <141> CURRENT FILING DATE: 2004-03-12  
 16 <150> PRIOR APPLICATION NUMBER: US 09/582,926  
 17 <151> PRIOR FILING DATE: 2000-07-05  
 19 <150> PRIOR APPLICATION NUMBER: PCT/JP99/00086  
 20 <151> PRIOR FILING DATE: 1999-01-13  
 22 <150> PRIOR APPLICATION NUMBER: JP 10-6412  
 23 <151> PRIOR FILING DATE: 1998-01-16  
 25 <160> NUMBER OF SEQ ID NOS: 5  
 27 <170> SOFTWARE: PatentIn version 3.2  
 29 <210> SEQ ID NO: 1  
 30 <211> LENGTH: 10  
 31 <212> TYPE: PRT  
 32 <213> ORGANISM: artificial sequence

34 <220> FEATURE:  
 35 <223> OTHER INFORMATION: LH-RH peptide derivative/analog  
 38 <220> FEATURE:

39 <221> NAME/KEY: MISC\_FEATURE  
 40 <222> LOCATION: (1)..(1)

41 <223> OTHER INFORMATION: 5-Oxo-Pro carboxy terminal

43 <220> FEATURE:

44 <221> NAME/KEY: MISC\_FEATURE

45 <222> LOCATION: (6)..(6)

46 <223> OTHER INFORMATION: Y=DLeu, DAla, DTrp, DSer(tbut), D2Nal or DHis(ImBzl)  
 48 <220> FEATURE:

49 <221> NAME/KEY: MISC\_FEATURE

50 <222> LOCATION: (10)..(10)

51 <223> OTHER INFORMATION: Z=Gly-NH<sub>2</sub> or NH-C<sub>2</sub>H<sub>5</sub> amino terminal

53 <400> SEQUENCE: 1

W--> 55 Pro His Trp Ser Tyr Xaa Leu Arg Pro Xaa

56 1 5 10

59 <210> SEQ ID NO: 2

60 <211> LENGTH: 11

61 <212> TYPE: PRT

62 <213> ORGANISM: Artificial Sequence

64 <220> FEATURE:

FYI: Per 1.822 of Sequence  
 Rule, "An amino acid  
 sequence shall be  
 presented in  
 Corrected Diskette Needes" amino  
 to  
 carboxy  
 direction,  
 from left  
 to right,  
 and the  
 amino and  
 carboxy groups  
 shall not be  
 presented in

Example

Xaa ← use Xaa, not Y

FYI: Xaa can only represent a single amino acid

use

Xaa

use

Xaa

use

Xaa

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/799,320B

DATE: 09/13/2004  
TIME: 10:09:34

Input Set : A:\2500uslp.ST25.txt  
Output Set: N:\CRF4\09132004\J799320B.raw

65 <223> OTHER INFORMATION: LH-RH antagonist derivative/analog  
 68 <220> FEATURE:  
 69 <221> NAME/KEY: MISC\_FEATURE  
 70 <222> LOCATION: (1)..(1) Xaa ✓  
 71 <223> OTHER INFORMATION: X=N(4H2-furoyl)Gly or NAc  
 73 <220> FEATURE:  
 74 <221> NAME/KEY: MISC\_FEATURE  
 75 <222> LOCATION: (2)..(2)  
 76 <223> OTHER INFORMATION: D2Nal  
 78 <220> FEATURE:  
 79 <221> NAME/KEY: MISC\_FEATURE  
 80 <222> LOCATION: (3)..(3)  
 81 <223> OTHER INFORMATION: D4ClPhe  
 83 <220> FEATURE:  
 84 <221> NAME/KEY: MISC\_FEATURE  
 85 <222> LOCATION: (4)..(4)  
 86 <223> OTHER INFORMATION: D3Pal  
 88 <220> FEATURE:  
 89 <221> NAME/KEY: MISC\_FEATURE  
 90 <222> LOCATION: (6)..(6) Xaa ✓  
 91 <223> OTHER INFORMATION: A=NMeTyr, Tyr, Aph(Atz) and NMeAph(Atz)  
 93 <220> FEATURE:  
 94 <221> NAME/KEY: MISC\_FEATURE  
 95 <222> LOCATION: (7)..(7) Xaa ✓  
 96 <223> OTHER INFORMATION: B=DLys(Nic), DCit, DLys(AzaglyNic), DLys(AzaglyFur), DhArg  
 (Et2),  
 97 DApH(Atz), DhCi. Please ensure Xaa represents a single amino acid.  
 99 <220> FEATURE:  
 100 <221> NAME/KEY: MISC\_FEATURE  
 101 <222> LOCATION: (9)..(9) Xaa ✓  
 102 <223> OTHER INFORMATION: C=Lys(Nisp), Arg, hArg(Et2).  
 104 <220> FEATURE:  
 105 <221> NAME/KEY: MISC\_FEATURE  
 106 <222> LOCATION: (11)..(11)  
 107 <223> OTHER INFORMATION: DALaNH2  
 109 <400> SEQUENCE: 2  
 W--> 111 Xaa Xaa Xaa Xaa Ser Xaa Xaa Leu Xaa Pro Xaa  
 112 1 5 10  
 115 <210> SEQ ID NO: 3  
 116 <211> LENGTH: 8  
 117 <212> TYPE: PRT  
 118 <213> ORGANISM: Artificial Sequence  
 120 <220> FEATURE:  
 121 <223> OTHER INFORMATION: LH-RH peptide derivative/analog  
 124 <220> FEATURE:  
 125 <221> NAME/KEY: MISC\_FEATURE  
 126 <222> LOCATION: (1)..(1)  
 127 <223> OTHER INFORMATION: 5-oxo-Pro carboxy terminal  
 129 <220> FEATURE:  
 130 <221> NAME/KEY: MISC\_FEATURE

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/799,320B

DATE: 09/13/2004  
TIME: 10:09:34

Input Set : A:\2500us1p.ST25.txt  
Output Set: N:\CRF4\09132004\J799320B.raw

131 <222> LOCATION: (6)..(6)  
132 <223> OTHER INFORMATION: DLeu  
134 <220> FEATURE:  
135 <221> NAME/KEY: MISC\_FEATURE  
136 <222> LOCATION: (8)..(8)  
137 <223> OTHER INFORMATION: Pro-NH-C2H5 amino terminal  
139 <400> SEQUENCE: 3  
**W--> 141 Pro His Trp Ser Tyr Xaa Arg Pro**  
142 1 5  
145 <210> SEQ ID NO: 4  
146 <211> LENGTH: 11  
147 <212> TYPE: PRT  
148 <213> ORGANISM: Artificial Sequence  
150 <220> FEATURE:  
151 <223> OTHER INFORMATION: LH-RH peptide derivative/analog  
154 <220> FEATURE:  
155 <221> NAME/KEY: MISC\_FEATURE  
156 <222> LOCATION: (1)..(1)  
157 <223> OTHER INFORMATION: N-(S)-tetrahydrofuran-2-oyl-Gly  
159 <220> FEATURE:  
160 <221> NAME/KEY: MISC\_FEATURE  
161 <222> LOCATION: (2)..(2)  
162 <223> OTHER INFORMATION: D2Nal  
164 <220> FEATURE:  
165 <221> NAME/KEY: MISC\_FEATURE  
166 <222> LOCATION: (3)..(3)  
167 <223> OTHER INFORMATION: D4ClPhe  
169 <220> FEATURE:  
170 <221> NAME/KEY: MISC\_FEATURE  
171 <222> LOCATION: (4)..(4)  
172 <223> OTHER INFORMATION: D3Pal  
174 <220> FEATURE:  
175 <221> NAME/KEY: MISC\_FEATURE  
176 <222> LOCATION: (6)..(6)  
177 <223> OTHER INFORMATION: NMeTyr  
179 <220> FEATURE:  
180 <221> NAME/KEY: MISC\_FEATURE  
181 <222> LOCATION: (7)..(7)  
182 <223> OTHER INFORMATION: DLys(Nic)  
184 <220> FEATURE:  
185 <221> NAME/KEY: MISC\_FEATURE  
186 <222> LOCATION: (9)..(9)  
187 <223> OTHER INFORMATION: Lys(Nisp)  
189 <220> FEATURE:  
190 <221> NAME/KEY: MISC\_FEATURE  
191 <222> LOCATION: (11)..(11)  
192 <223> OTHER INFORMATION: DAlaNH2  
194 <400> SEQUENCE: 4  
**W--> 196 Gly Xaa Xaa Xaa Ser Xaa Xaa Leu Xaa Pro Xaa**

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/799,320B

DATE: 09/13/2004

TIME: 10:09:34

Input Set : A:\2500us1p.ST25.txt

Output Set: N:\CRF4\09132004\J799320B.raw

197 1 5 10  
200 <210> SEQ ID NO: 5  
201 <211> LENGTH: 9  
202 <212> TYPE: PRT  
203 <213> ORGANISM: Artificial Sequence  
205 <220> FEATURE:  
206 <223> OTHER INFORMATION: LH-RH peptide derivative/analog  
209 <220> FEATURE:  
210 <221> NAME/KEY: MISC\_FEATURE  
211 <222> LOCATION: (1)..(1)  
212 <223> OTHER INFORMATION: 5-oxo-Pro carboxy terminal  
214 <220> FEATURE:  
215 <221> NAME/KEY: MISC\_FEATURE  
216 <222> LOCATION: (6)..(6)  
217 <223> OTHER INFORMATION: DLeu  
219 <220> FEATURE:  
220 <221> NAME/KEY: MISC\_FEATURE  
221 <222> LOCATION: (9)..(9)  
222 <223> OTHER INFORMATION: Pro-NH-C2H5 amino terminal  
224 <400> SEQUENCE: 5  
**W--> 226 Pro His Trp Ser Tyr Xaa Leu Arg Pro**  
227 1 5

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/799,320B

DATE: 09/13/2004  
TIME: 10:09:35

Input Set : A:\2500us1p.ST25.txt  
Output Set: N:\CRF4\09132004\J799320B.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 6,10  
Seq#:2; Xaa Pos. 1,2,3,4,6,7,9,11  
Seq#:3; Xaa Pos. 6  
Seq#:4; Xaa Pos. 2,3,4,6,7,9,11  
Seq#:5; Xaa Pos. 6

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/799,320B

DATE: 09/13/2004

TIME: 10:09:35

Input Set : A:\2500us1p.ST25.txt

Output Set: N:\CRF4\09132004\J799320B.raw

L:55 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0  
L:111 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0  
L:141 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0  
L:196 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0  
L:226 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0